Use Attainability Analysis

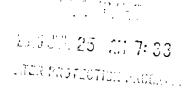
for

WBID 2398 Trib. to Flat Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005



Data Sheet A - Water Body Identification

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:_	april	Date
6-21	-0,7	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	8		Site Location	on Description: FR 1085 1/4 n	ni S, of FR 2230
Site GPS Coordinates:	417575E 4050340	N			
Date & Time: 6-23-05	2:03PM		Facility Na	me:	
Personnel: Jeff Woodw	ard		Permit Nur	nber:	
Current Weather Condit	tions: 85 Sunny		Weather Co	onditions for Past 7 days: Hot	& Sunny
Photo Ids: Upstream: v	vbd2398-01 E	ownstrea	im: N/A	Other: N/A	
es Observed*:			100		
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting
Hunting	Trapping		Fishing	None of the above	□ Other:
	or of marriagnas	cereating	g, frequency of use, p	hoto-documentation of evident	e or recreational uses, etc
rrounding Conditio				enal uses. Attach photos of evic	
		it promot		onal uses. Attach photos of evic	
rrounding Conditions of interest.)	ns*: (Mark all th	at promot	e or impede recreation	onal uses. Attach photos of evic	lence or unusual
rrounding Conditions of interest.)	ns*: (Mark all th	s	e or impede recreation	onal uses. Attach photos of evid	lence or unusual
rrounding Conditions of interest.) City/county parks Bouting accesses No trespass sign	ns*: (Mark all the	s	te or impede recreation IDC conservation land	onal uses. Attach photos of evic ods Urban areas	lence or unusual
rrounding Conditions of interest.) City/county parks	ns*: (Mark all the	s	te or impede recreation IDC conservation land	onal uses. Attach photos of evic ods Urban areas	lence or unusual Campgrounds Stairs/walkway
rrounding Conditions of interest.) City/county parks Bouting accesses No trespass sign	ns*: (Mark all the Playground State parks See*:	s M	te or impede recreation IDC conservation land lational forests teep slopes	onal uses. Attach photos of evidends Urban areas Nature trails Other:	lence or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2398-01:

Destream View ☐ Riffle Widt			Length (ft):	Avg. D	epth (ft):	Max. Depth (ft):	
Run Widt	7.7		Length (ft):		epth (ft):	Max. Depth (ft):	
Pool Widt			Length (ft):	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	epth (ft):	Max. Depth (ft):	
⊠ Flow Prese		☐ Yes	⊠ No		ed (ft ³ /sec):	The state of the s	
23 1 11 1 1 1 1 1 1			23100	Louisin	ed (it rises).		
Downstream V	iew	Physica	l Dimensions:				
☐ Riffle Widt	(ft):		Length (ft):	Avg. D	epth (ft):	Max. Depth (ft):	
Run Widt	(ft):	E.	Length (ft):	Avg. D	epth (ft):	Max. Depth (ft):	
Pool Widt	(ft):		Length (ft):	Avg. D	epth (ft):	Max. Depth (ft):	
Flow Prese	nt?	Yes	⊠ No	Estimat	ed (ft³/sec):		
strate*: (Thes	valu	ies should	add up to 100%.)				
	As for the contract of		% Gravel	% Sand	2000 CT	100/35-101	% Bedrock
Grass Waterway	n*:	(note amo	unt of vegetation or		80% Silt assessment site)	10% Mud/Clay	29 Dedices
natic Vegetatio	n*:	(note amo	unt of vegetation or	algal growth at the	assessment site)		29 Dedices
grass Waterway ter Character Odor:	n*:	(note amo	all that apply.)	algal growth at the	assessment site)	Other:	29 Dedices
ter Character Odor: Color:	n*:	(note amo	all that apply.) Musky Green	algal growth at the	assessment site)	Other:	39 Decirous
Grass Waterway ter Character Odor: Color: Bottom Deposit:	n*:	(note amo	all that apply.)	algal growth at the	assessment site)	Other:	A Dedica
ter Character Odor: Color: Bottom Deposit: Surface Deposit: with no discer s information is no prehensive unders sion on the recreate	stice	(note amo	all that apply.) Musky Green Solids Scum Channel	Chemical Gray Fine sedime Foam (including informational use of equently, this informations that need	None None None None None None nation from incesignation but rath	Other: Other: Dry	n.

WBID 2398 – Downstream #1



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	8-07		Site Location	Description: FR 2225 Just W	est of FR 1085
Site GPS Coordinates:	417505E 4051705N	1			
Date & Time: 6-23-05	1:58PM		Facility Name	1.	
Personnel: Jeff Woodw	ard		Permit Number	r.	
Current Weather Condit	tions: 87 Sunny		Weather Cond	itions for Past 7 days: Hot &	Sunny
Photo Ids: Upstream: v	vbu2398-02 Do	wnstream:	wbd2398-02 Ot	ner:	
es Observed*:					
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	Kayaking		Boating	Wading	Rafting
Hunting	Trapping		Fishing	None of the above	□ Other:
			requency or use, prio	o-documentation of evidence	of recreational uses, et
rrounding Condition				l uses. Attach photos of evide	
rrounding Condition		promote o			
rrounding Conditions of interest.)	ns*: (Mark all that	promote o	r impede recreationa	l uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.)	ns*: (Mark all that	promote o	r impede recreationa C conservation lands	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks	promote o	r impede recreationa C conservation lands onal forests	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.) City/county parks	ns*: (Mark all that Playgrounds State parks	promote o	r impede recreationa C conservation lands onal forests	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote o	or impede recreationa C conservation lands onal forests p slopes	Urban areas Nature trails	Campgrounds

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2398-02:

Riffle Width (ft):	Stream Mor Upstream		vsical D	imensio	ns:					
Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft²/sec):					5. T. Const. 1		Avg. Depth	(ft):	Max. Depth (ft)	
Downstream View Physical Dimensions:	Run	Width (ft):		Leng	gth (ft):		Avg. Depth	(ft):	Max. Depth (ft)	4
Riffle Width (ft):	Pool	Width (ft):	8	Leng	gth (ft):		Avg. Depth	(ft):	Max. Depth (ft)	j;
Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present?	⊠ Flow	Present?	☐ Yes	⊠ No			Estimated (f	t³/sec):		
Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present?	Downstre	am View	Physica	l Dimen	sions.					
Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft³/sec): Substrate*: (These values should add up to 100%.) 10% Cobble 85% Gravel % Sand % Silt 5% Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) None Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other: Color: Clear Green Gray Milky Other: Dry Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.			_				Avg. Depth	(ft):	Max. Depth (ft)	:
Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft³/sec):	-	20.000					Avg. Depth	(ft):	Max. Depth (ft)	t
Substrate*: (These values should add up to 100%.) 10% Cobble	-				-					
None Sewage Musky Chemical None Other:					par (cry)				Transfer (1)	
None Sewage Musky Chemical None Other:										
Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) None	graph with more and a product or observe	on the second and despite a setting a set	medicine facilitate di la constitucioni di la constitucioni di la constitucioni di la constitucioni di la const	and a few latest transfer from the few latest	100%.)					
Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other: Color: Clear Green Gray Milky Other: Dry Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	109	6 Cobble	85	% Gravel		% S	and	% Silt	5% Mud/Clay	% Bedrock
Color: Clear Green Gray Milky Other: Dry Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form, Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	Water Char	acteristic	s*: (Mari	call that a	pply.)					
Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	Odor:							ACTION OF THE PARTY OF THE PART		
Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form, Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	_		Name and Address of the Owner, where			_	ACCORDING TO SECURITION ASSESSMENT		The state of the s	
Comments: Please attach additional comments (including information from interviews) to this form. Dry Creek Ditch *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	The second second second second		and the last state of the last state of				the second second second second second			
*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	Surface De	posit:	Oil	L:	Scum		Foam	None	U Other:	
Organization: MODOUR - SI - CP Position: College 2: 52 774	*This informati comprehensive decision on the I, the unders datasheet is	on is not to understandi recreation u signed, he true and	be used so ng of wate se analysi reby aff accurat	olely for re or condition is but may firm to t	emoval of ones. Conse point to co	a recrea equently ondition of my	tional use design , this information is that need furth knowledge, t	nation but rath on is not intend her analysis or that all info	er is to provide a more led to directly influence that effect another use.	on this UAA
	Organization	. Mon	NR-	Stee	P		Positio			

WBID 2398 – Downstream #2





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Decorporate and All Software and A	8		Site Loci	ation Descr	ription: FR 1085 1/10m	N. of FR 2225
Site GPS Coordinates:	417680E 405186	0N				
Date & Time: 6-23-05	2:11PM		Facility?	Name:		
Personnel: Jeff Woodw	vard		Permit N	umber:		
Current Weather Condit	tions: 84 Sunny		Weather	Conditions	s for Past 7 days: Hot &	Sunny
Photo Ids: Upstream: v	wbu2398-03 I	Nownstrea	ım: wbd2398-03	Other:		
W. L. S. W. S. M. P. W. D. W. D. D. L.						
es Observed*:						
☐ Swimming	Skin diving	g.	SCUBA divin	g [☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	1	Wading	Rafting
Hunting	Trapping		Fishing	1	None of the above	Other:
Describe, (include infini	oct of marvidums	recreating	g, magneticy or use	, photo-doc	cumentation of evidence	of recreational uses, etc
rrounding Conditio				S- 15	20. 6.01 (10.00)	
rrounding Conditions of interest.)		at promo		tional uses	20. 6.01 (10.00)	
rrounding Conditions of interest.)	ns*: (Mark all th	at promot	te or impede recrea	tional uses	s. Attach photos of evide	nce or unusual
rrounding Conditions of interest.)	ns*: (Mark all th	at promot	te or impede recrea	tional uses	s. Attach photos of evide Urban areas	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	at promot	te or impede recrea ADC conservation l National forests	tional uses	s. Attach photos of evide Urban areas Nature trails	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all the Playground State parks See See See See See See See See See Se	at promot	te or impede recrea ADC conservation l National forests teep slopes	tional uses	s. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	at promot	te or impede recrea ADC conservation l National forests	tional uses	s. Attach photos of evide Urban areas Nature trails	nce or unusual

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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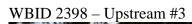
Data Sheet B - Site Characterization

Page Two - WBID #2398-03:

Riffle Wi	dth (ft):	Length (ft): A	vg. Depth	(ft):	Max. Depth (ft):	
Run Wi	dth (ft):	Length (ft): A	vg. Depth	(ft):	Max. Depth (ft):	
☐ Pool Wi	dth (ft):	Length (ft): A	vg. Depth	(ft):	Max. Depth (ft):	
☐ Flow Pre	sent?			stimated (f	t³/sec):		
Downstream	View Phys	ical Dimension	ns.				
	dth (ft):	Length (vg. Depth	(ft);	Max. Depth (ft):	
□ Run Wi	dth (ft):	Length (n):	vg. Depth	(ft):	Max. Depth (ft):	
	dth (ft):	Length (vg. Depth	No.	Max. Depth (ft):	
	sent?		3.50	stimated (f			
79 CO	bble	30% Gravel	% Sand	_	60% Silt	10% Mud/Clay	% Bedrock
uatic Vegetat Grass and weed	tion*: (note ls in ditch.	amount of vegetat	ion or algal growt			10% Mud/Clay	% Bedrock
uatic Vegetar Grass and weed	tion*: (note s in ditch.	amount of vegetat	ion or algal growth	nical	essment site)		% Bedrock
Grass and weed	tion*: (note ls in ditch. eristics*: (N	fark all that apply	ion or algal growth	nical	essment site)	Other:	% Bedroci
Grass and weed ter Characte Odor: Color:	tion*: (note ls in ditch. ristics*: (N	fark all that apply	ion or algal growth	nical	Sessment site)	Other:	% Bedi
der Characte Odor: Color: Bottom Deposit Surface Deposit mments: Pleasek is dry, is information is apprehensive undersion on the recre	ristics*: (N	fark all that apply ge	ky Cher Gray ds Fine n Foan nents (including	sediments in informat d use design s informatic t need furth	None None None None nation from interest analysis or	Other:	
der Characte Odor: Color: Bottom Deposit Surface Deposit mments: Pleasek is dry, is information is apprehensive undersion on the recre	ristics*: (Note Sew Clea Slud Cit Oil oil	lark all that apply ge	ky Cher Gray ds Fine n Foan nents (including	sediments in informat d use design s information t need furth	None None None None nation from interest analysis or	Other: Other: Dry Other: Other: Other: other: terviews) to this form or is to provide a more ded to directly influence that effect another use. rmation reported o	

WBID 2398 – Downstream #3









Trib. to Flat Cr. (2398) Barry County, Missouri